

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED OIL WELL SUB. REPORT/abd.

LOCATION ABANDONED well never drilled 4-15-82

DATE FILED 1-14-81

LAND: FEE &amp; PATENTED STATE LEASE NO.

PUBLIC LEASE NO. U-33418

INDIAN

DRILLING APPROVED: 4-20-81

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: L.A. well never drilled 4-15-82

FIELD: Wildcat 3/86 Undesignated

UNIT:

COUNTY: San Juan

WELL NO. FEDERAL #4

API NO. 43-037-30664

LOCATION 898 FT. FROM ☒ (S) LINE.

1744

FT. FROM ☒ (W) LINE.

SE SW

1/4 - 1/4 SEC. 20

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

41S

19E

20

RUSSEL D. BROWN

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Russell D. Brown

ph. (303) 565-8527

## 3. ADDRESS OF OPERATOR

Drawer 0, Cortez, Colo. 81321

898' FSL &amp; 1744' FWL SE SW

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface N62° 45' 48" E from the southwest corner of

\*\* Section 20, Township 41 South, Range 19 East,

At proposed prod. zone Salt Lake Bench and Meridian, at an

elevation of 4316.70' above Mean Sea Level

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approx. 4 miles northeast of Mexican Hat, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

## 16. NO. OF ACRES IN LEASE

640

## 19. PROPOSED DEPTH

1200' D.C.?

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

10

## 20. ROTARY OR CABLE TOOLS

rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4239.56 GR (ungraded)

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4	7"	20	60' OR MORE	10 sacks Circ. to Surface
6 1/4	4 1/2	14	TD	25 sacks
			enough to cover	potable fresh water zones

Drill 8 3/4" hole with spud mud to set 7" surface casing. Drill 6 1/4 hole with air to TD. If productive run 4 1/2" casing to TD.

This known as a low pressure area. Adequate blowout prevention equipment will be used.

Anticipated tops: Goodridge, 240' Ismay 580' Desert Creek, 900'

Lease description: Sec. 20 - T41S - R 19E. San Juan County, Utah.

\*\* 897.76 FSL, 1744.10 FWL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Russell D. Brown

TITLE

lessee

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 4-20-81

BY: M. L. Minder



RECEIVED

JAN 14 1981

DIVISION OF  
OIL, GAS & MINING

T41S - R19E  
19 20  
30 29

1744.1

N 62°45'48" E  
1961.60'

PROPOSED WELL NO. 2 SITE  
Ground Elev. = 4316.70

897.76

#### SURVEYOR'S CERTIFICATION

I, Alexander A. Fisher, a Registered Land Surveyor holding License No. 4094 from the State of Utah, do hereby certify that the map hereon was drawn from the field notes of a survey performed by me, under authority, and that all lines and dimensions shown thereon are true and correct to the best of my knowledge and belief.

#### PROPOSED WELL NO. 2 LOCATION

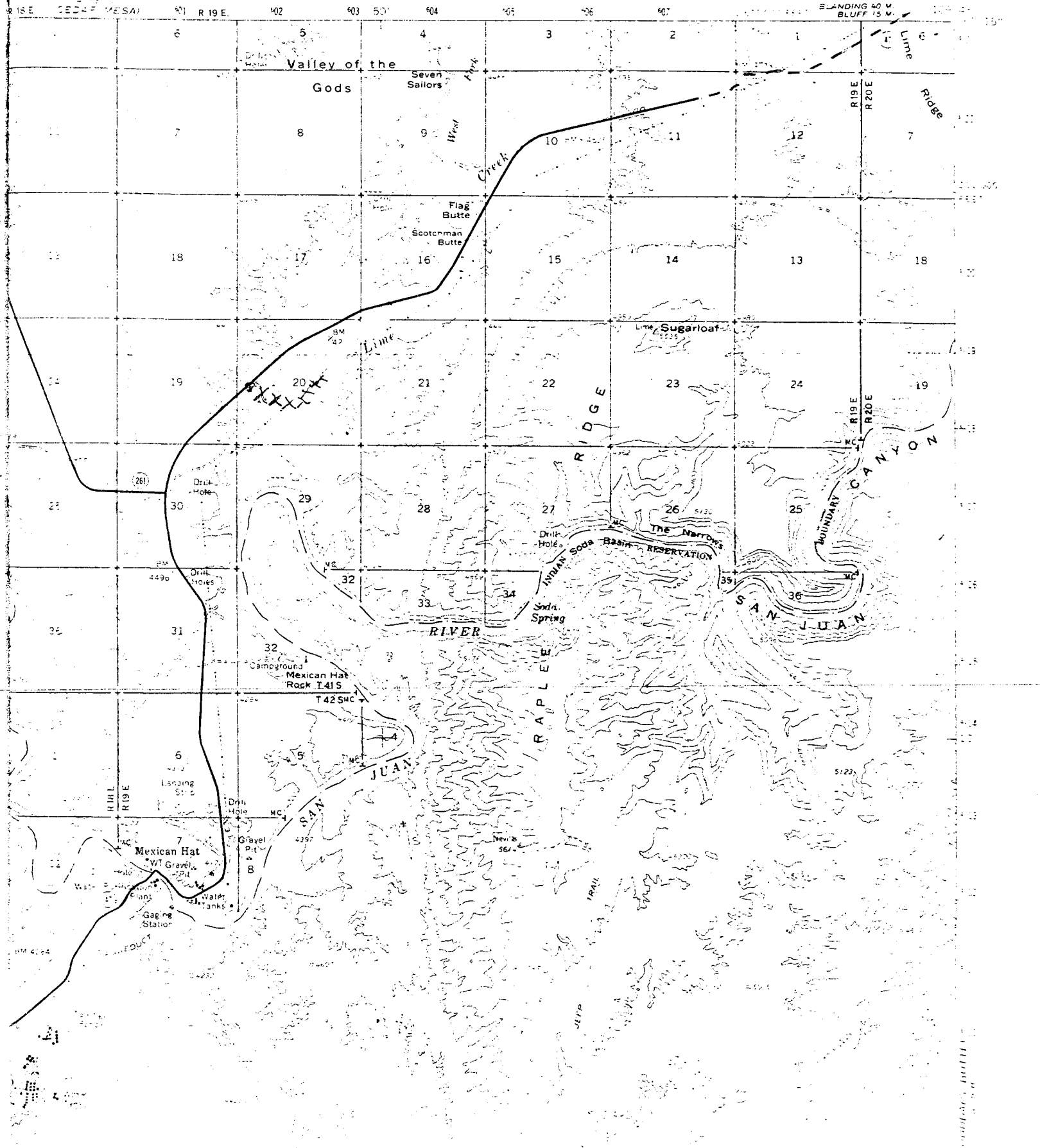
The Proposed Drill Site for a well is located at a point which is N 62°45'48" E from the southwest corner of Section 20, Township 41 South, Range 19 East, Salt Lake Bench and Meridian, at an elevation of 4316.70 feet above Mean Sea Level. 897.76 FSL, 1744.10 FWL

*Alexander A. Fisher*  
Alexander A. Fisher  
Registered Land Surveyor  
Utah License No. 4094

Primary Road  
XXXXX SECONDARY ROAD

MEXICAN HAT QUADRANGLE  
UTAH  
15 MINUTE SERIES (TOPOGRAPHIC)

BLUFF



MEXICAN HAT QUADRANGLE  
UTAH  
15 MINUTE SERIES (TOPOGRAPHIC)

R 18 East 600000 R 19 East

T 41 South

Drill Pads \*

Access Road - - -

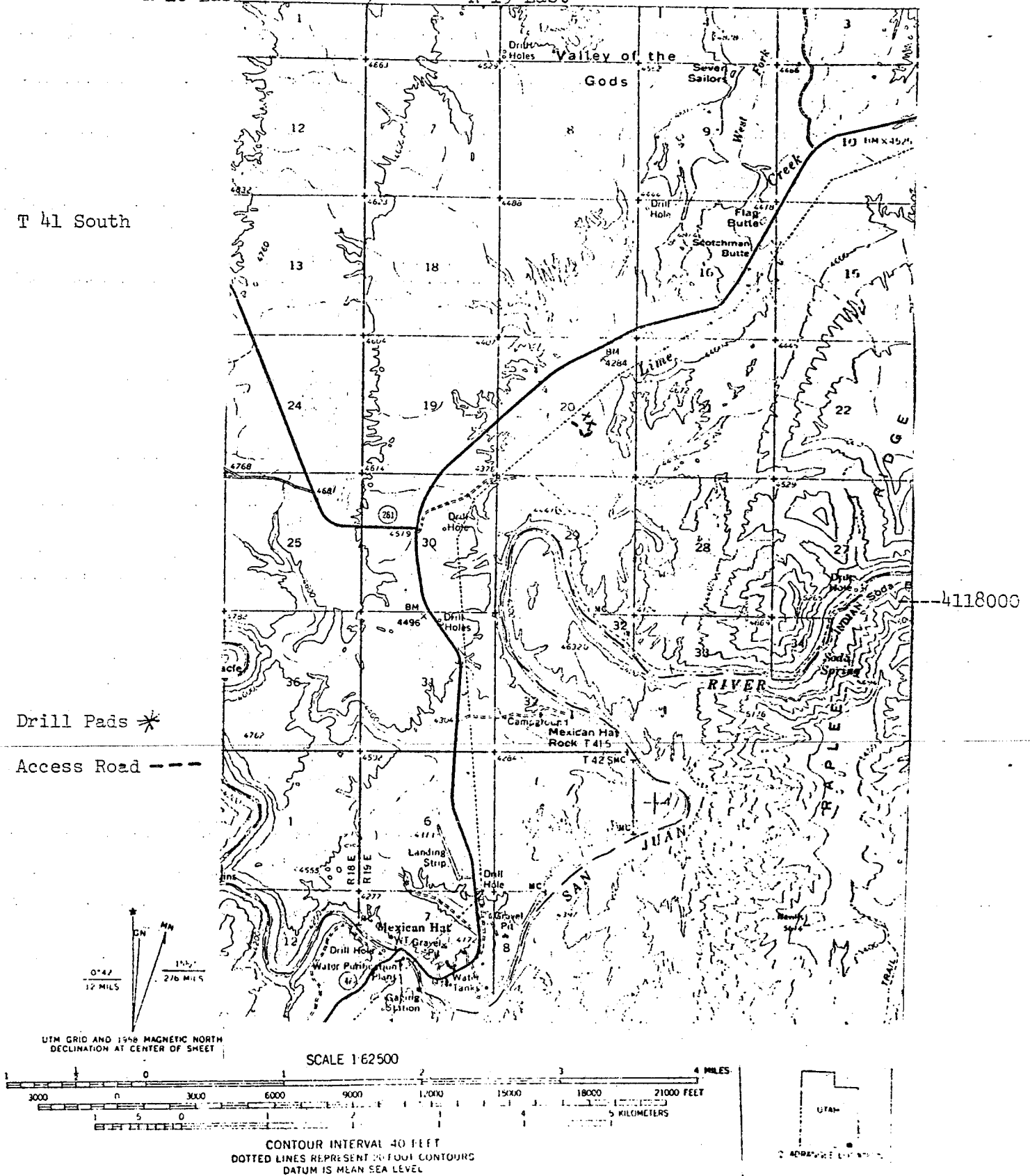


Figure 1.

DEVELOPMENT PLAN FOR SURFACE USE:

Russell D. Brown Drilling  
Mexican Hat Federal #4

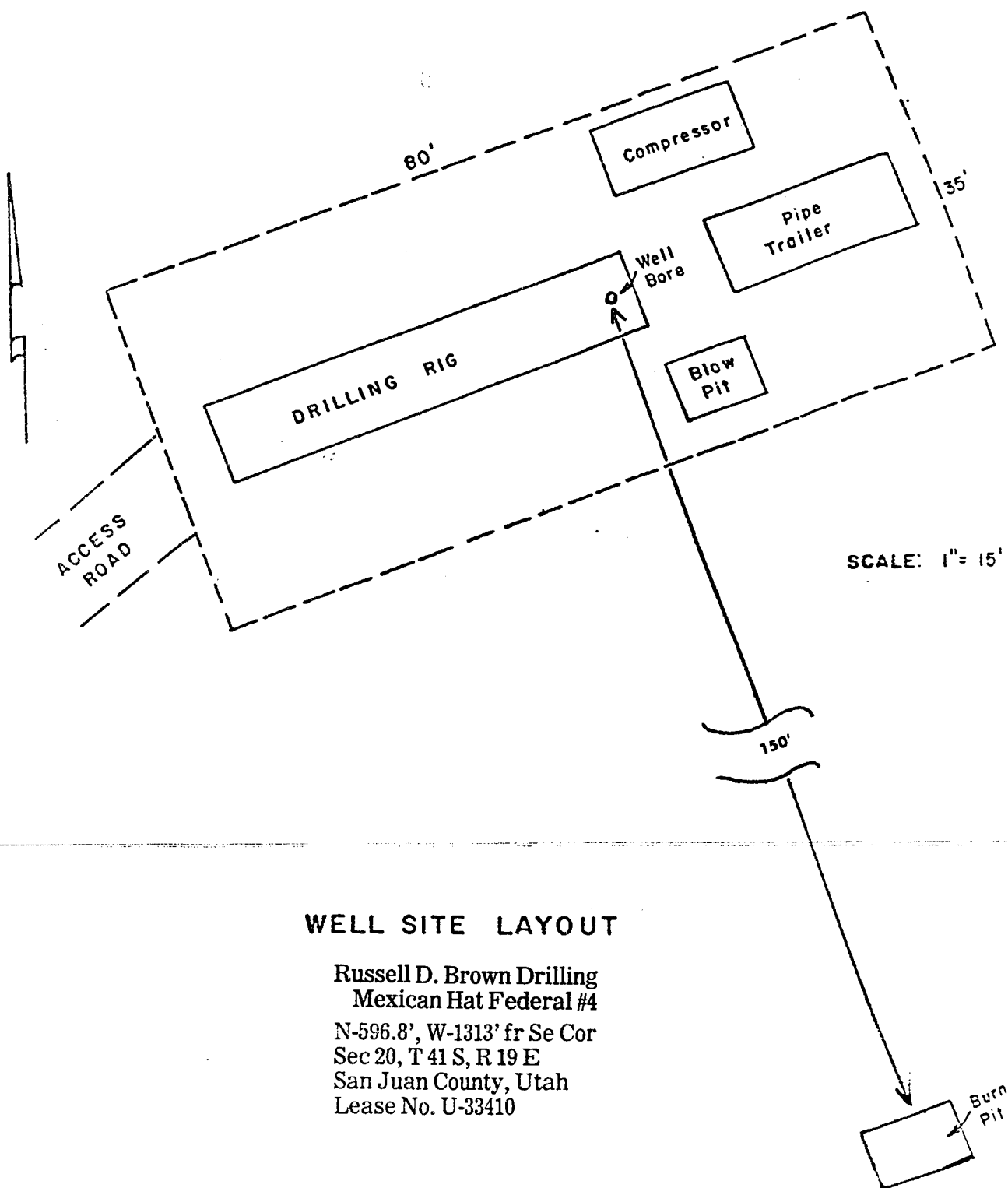
Sec 20, T 41 S, R 19 E  
San Juan County, Utah  
Lease No. U-33410

1. Existing Roads - See Exhibit No. 1 Topography Map.
2. Planned Access Roads - See Exhibit No. 1. As the location is situated on existing access roads, no new roads are necessary.
3. Location of Existing Wells - None
4. Location of Production - This is a proposed oil well test. A small pump jack and two tanks would be installed on location after drilling is completed.
5. Location and Type of Water Supply - This is to be an air drilled hole. Fresh water for surface hole and cement will be hauled from the town of Mexican Hat approximately 4 miles southwest of location.
6. Source of Construction Materials - None required.
7. Handling of Waste Materials:
  - (a) Liquid waste to be retained in earthen pit
  - (b) Burnable waste, if any, to be placed in earthen pit and burned at appropriate times.
  - (c) Non-burnable waste to be placed near burn pit and hauled off on completion.
  - (d) Latrine facilities to be furnished by contractor and waste hole filled upon completion.
8. Ancillary Facilities - None required
9. Wellsite Layout - See Exhibit No. 4.
10. Plans for restoration of surface - upon completion of drilling, the waste pits to be fenced until liquids evaporate sufficiently for filling. Fill and grade down to conform as nearly as possible to topography as per BLM specifications.
11. Other information - Surface area of proposed location is rocky with very little vegetation. Little dirt work is necessary.
12. Operator's Information - Russell D. Brown, Drawer O, Cortez, Colo. 81321 Telephone (303) 565-8527
13. Certification:

I hereby certify that I have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to be the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by a competent contractor. Dirt work and other contract work will be in conformity with this plan and the terms and conditions under which it is approved.

Dated: 1-9-81

Russell D. Brown  
*Russell D. Brown*



### WELL SITE LAYOUT

Russell D. Brown Drilling  
Mexican Hat Federal #4

N-596.8', W-1313' fr Se Cor  
Sec 20, T 41 S, R 19 E  
San Juan County, Utah  
Lease No. U-33410



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
UTAH STATE OFFICE  
136 E. SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111

IN REPLY REFER TO

3100  
U-33418  
(U-942)

DECISION

DEC 19 1978

Principal:

Russel D. Brown  
Drawer 0  
Cortez, Colorado 81321

: Surety:  
: American Employer's Insurance Co.  
: 1 Beacon Street  
: Boston, Massachusetts

Bond Accepted

A \$10,000 bond (No. AE-71328-64) covering oil and gas lease U-33418, filed December 13, 1978, with Russel D. Brown, as principal, and American Employer's Insurance Company, as surety, has been examined, found to be satisfactory, and is accepted as of date of filing.

Sincerely yours,

  
Chief, Minerals Section



*Save Energy and You Serve America!*



# Summary Report of Inspection for Cultural Resources

BLM Report ID No.           -                

110

Mitigation Acceptable Yes No

Comments:

1. Cultural Report or Project 21 D R I T L L P A D S N E A R M E X I C A N H A T U T  
11 40

3. BLM Mini Permit No. 41 44 45

4. BLM Antiquities Permit No. 0718-UT-062  
46 55

5. Report Date 10/04/24 11/9/79 6. Field Work Dates April 24, 1979

7. Responsible Institution

D	I V	O F	S T A T E H I S
63			77

Fill in spaces 81, 85, 93, 97 only if:  
V = Vernal Meridian  
H = Half Township

8. Fieldwork Location: TWN 

78			81
4	1		S

 Range 

32			85
1	9		E

 Section(s) 

86	87
2	0

98	99

  
TWN 

--	--	--	--

 Range 

--	--	--	--

 Section(s) 



90			93
----	--	--	----

94			97
----	--	--	----

98	99
----	----

100	101
-----	-----

9. Resource Area | S | J | Other:

102103  
BO = Bonneville, WA = Wasatch, HR = House Range, WS = Warm Springs,  
SE = Sevier River, HM = Henry Mtns., BR = Beaver River, DX = Dixie,  
KA = Kanab, ES = Escalante, SJ = San Juan, GR = Grand, PR = Price River,  
SR = San Rafael, DM = Diamond Mountain, BC = Book Cliffs.

County

10. Description of Examination Procedures:

An intensive cultural resource inventory of two (2) drill pads and 1500 ft. of proposed access road was surveyed by making a series of zig-zag passes (20 meter across the project area. No cultural resources were observed.

[illegible]

12. Inventory Type LI  
 R = Reconnaissance  
 I = Intensive  
 S = Statistical Sample

13. Description of Findings (attach appendices, if appropriate)

No cultural resources were observed.

14. Number Sites Found: 11111  
No sites = 0 132 13

15. Collection: 1 Y = Yes, N = No  
138

16. Actual/Potential National Register Properties Affected:

NA

17. Conclusion/Recommendations:

Proposed construction will have no effect.

18. Signature of person in direct charge of field work:

19. Signature and Title of Institutional Officer Responsible

James Speer  
General Counsel  
Head, Communications Section  
UT 8100-3 (4/79) / Div. 1  
Antiquities Section

## Cultural Resource Inventory of Two Proposed Drill Pads Near Mexican Hat, Utah

### Introduction

On April 24, 1979 a cultural resource inventory of two proposed drill pads and 1500 feet of associated access road was conducted by the Consulting Services Branch of the Antiquities Section of the Division of State History. The inventory was carried out at the request of Mr. Russel Brown, Cortez Newspapers, Inc., Cortez Colorado. The inventory was done under blanket permit 78-UT-062, mini-permit 4 in compliance with federal and state cultural resource laws. Alan C. Spencer, Staff Archaeologist, conducted the survey and made recommendations to the Bureau of Land Management. Special thanks go to Mr. Jerry Dickenson for his assistance in locating the proposed drill pads and access road.

### Area of Survey

The area of survey was in T41S, R19E, Section 20, located on the Mexican Hat Quadrangle, U.S.G.S. 15 Minute Topographic Map (map 1). The area is under the jurisdiction of the San Juan Resource Area, Bureau of Land Management, Monticello, Utah. The proposed drill pads are located in the Northeast quarter, Southwest quarter, Southeast quarter of section 20. Each proposed drill pad covers an area of approximately 200 x 200 feet. The access road consists of a 1500 ft. x 30 ft. corridor which connects the drill pads with an existing light duty graveled road.

The proposed project is located in the Lime Ridge area. This region is characterized by terraces of undifferentiated Quarternary alluvium and pediments.

## Previous Work

Both the National Register of Historic Places and the records on file with the Division of State History, Antiquities Section were consulted to determine previous work. The review of these records disclosed no known cultural resources in the immediate project area.

## Method of Survey

The proposed drill pads and access roads were inventoried by walking a series of 20 meter-wide zig-zag transects across them. The drill points and proposed access had been previously flagged by Mr. Dickenson. In all, approximately 40 acres were inventoried.

## Results and Recommendations

No cultural resources were observed. Therefore, the proposed construction of two drill pads and access roads by Mr. Brown will have no effect on cultural resources in the inventoried area. If subsurface cultural resources are discovered during construction, a qualified archaeologist should be consulted in order to determine possible significance.

R

\*\* FILE NOTATIONS \*\*

DATE: Feb. 5, 1981

OPERATOR: Russell D. Brown

WELL NO: Federal #4

Location: Sec. 20 T. 41S R. 19E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☒

API Number 43-037-30664

CHECKED BY:

Petroleum Engineer: M. S. Minder 4-20-81 providing enough casing is set to cover potable water zones.

Director: \_\_\_\_\_

Administrative Aide: C-3<sup>(c)</sup> spacing / Needs topo. request / ok on any other oil & gas wells.

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☒

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Gen

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

May 6, 1981

Russell D. Brown  
Drawer O  
Cortez, Colorado 81321

Re: Well No. Federal #4  
Sec. 20, T. 41S, R. 19E, SE SW  
San Juan County, Utah

Insofar as this office concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, this Division requires that a letter be sent to this office stating that your company owns or controls the acreage within a 660' radius of the proposed well site, and a written statement as to the necessity of the unorthodox location.

Also, please note, this approval is conditional providing enough casing is set to cover potable water zones.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

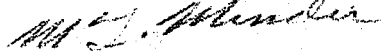
Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

Page Two,  
Approval letter, Well No. Federal #4

The API number assigned to this well is 43-037-30664.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

MTM/ko  
cc: USGS



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

December 22, 1981

RECEIVED  
JAN 05 1982

↓  
Russell D. Brown  
Drawer 0  
Cortez, Colorado 81321

DIVISION OF  
OIL, GAS & MINING

Re: Well No. Federal #4  
Sec. 20, T. 41S, R. 19E  
San Juan County, Utah

↓  
Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

↓  
This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*  
Cari Furse  
Clerk Typist

\* *Aren't ready to drill yet*



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 4, 1982

Russell D. Brown  
Drawer 0  
Cortez, Colorado 81321

Re: Well No. Federal #4  
Sec. 20, T. 41S, R. 19E.  
San Juan County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

*Plan to drill in late 1982*

RECEIVED  
MAR 20 1982

DIVISION OF  
OIL, GAS & MINING



Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

RECEIVED

APR 17 1982

April 15, 1982

DIVISION OF  
OIL, GAS & MINING

Russell D. Brown  
Drawer O  
Cortez, Colorado 81321

Re: Rescind Application for Permit  
to Drill  
Well No. 4  
Section 20-T41S-R12E  
San Juan County, Utah  
Lease No. U-33418

Gentlemen:

The Application for Permit to Drill the referenced well was approved on March 13, 1981. Since that date no know activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Gynn  
District Oil & Gas Supervisor

bcc: SMA  
State O&G ✓  
State BLM  
MMS-Durango  
Well File  
APD Control  
DH/dh